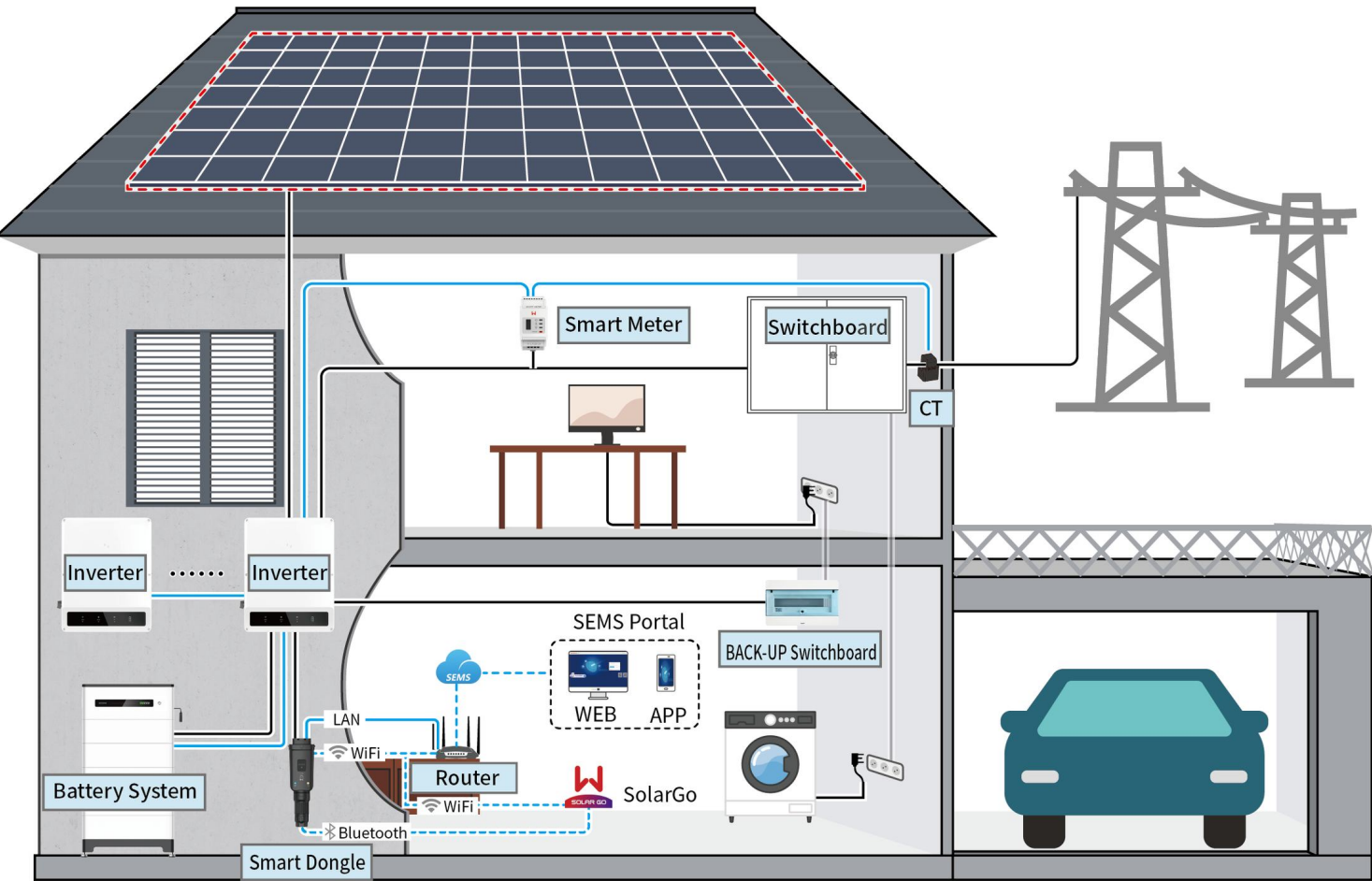


⚠ WARNING

The information in this quick guide is subject to change due to product updates or other reasons. This guide cannot replace the product labels or the safety precautions in the user manual unless otherwise specified. All descriptions in the manual are for guidance only.

01 Networking

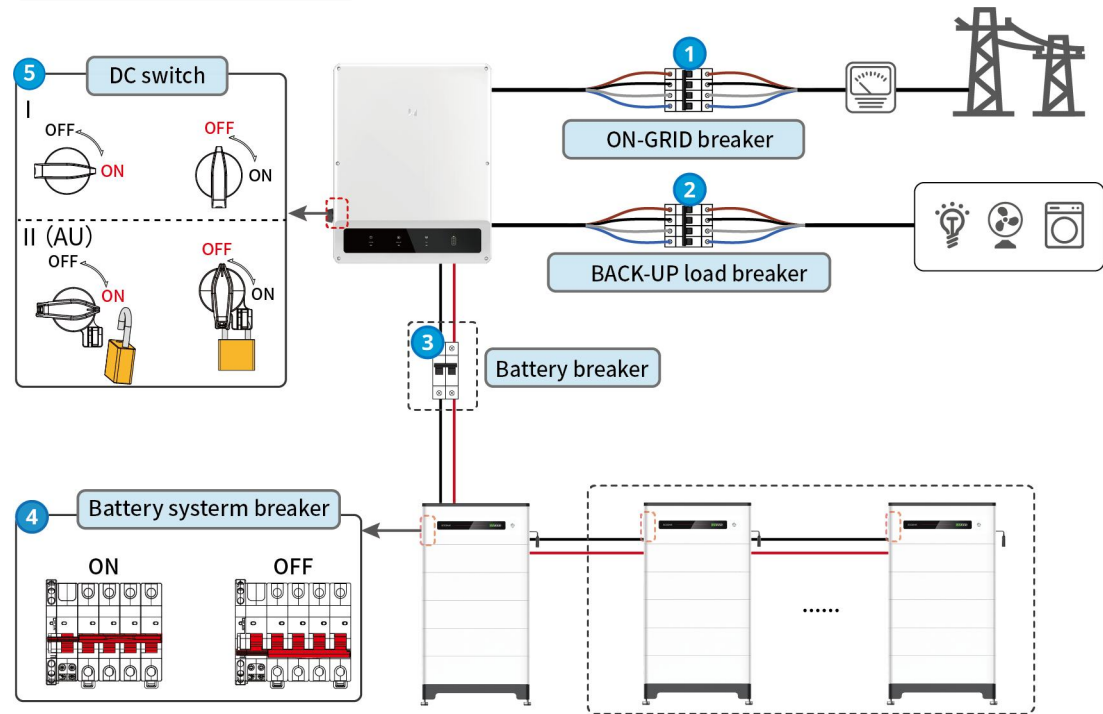


Device	Model	Description
Inverter	GW15K-ET GW20K-ET GW25K-ET GW29.9K-ET GW30K-ET	A maximum of 4 inverters can be connected in a parallel system. Inverter firmware requirements for parallel connections: - Consistent firmware version - ARM version: 08(401) or above - DSP version: 07(7068) or above
Battery system	Lynx Home F (G1) LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H	Lynx Home F (G1 Plus+) LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H - A maximum of 8 battery systems can be clustered in a system. - Do not mix connect battery systems of different versions.
Smart Meter	- GM3000 - GM330	- GM3000: GM3000 and the CT, which cannot be replaced, are included in the inverter package. CT ratio: 120A/40mA. - CM330: order the CT for GM330 from GoodWe or other suppliers. CT ratio: nA/5A. - nA: CT primary input current, n ranges from 200 to 5000. 5A: CT Secondary input current.

Device	Model	Description
Communication Module	- WiFi/LAN Kit-20 - Wi-Fi Kit - Ezlink3000	- Use WiFi/LAN Kit-20 or Wi-Fi kit for a single inverter. Upgrade the firmware of the inverter before replacing the Wi-Fi kit with a WiFi/LAN Kit-20 dongle. - In parallel scenarios, the EzLink 3000 must be connected to the master inverter. Do not connect any communication module to the slave inverters. The firmware version of EzLink should be 04 or above.

02 Power On/Off

Single Inverter

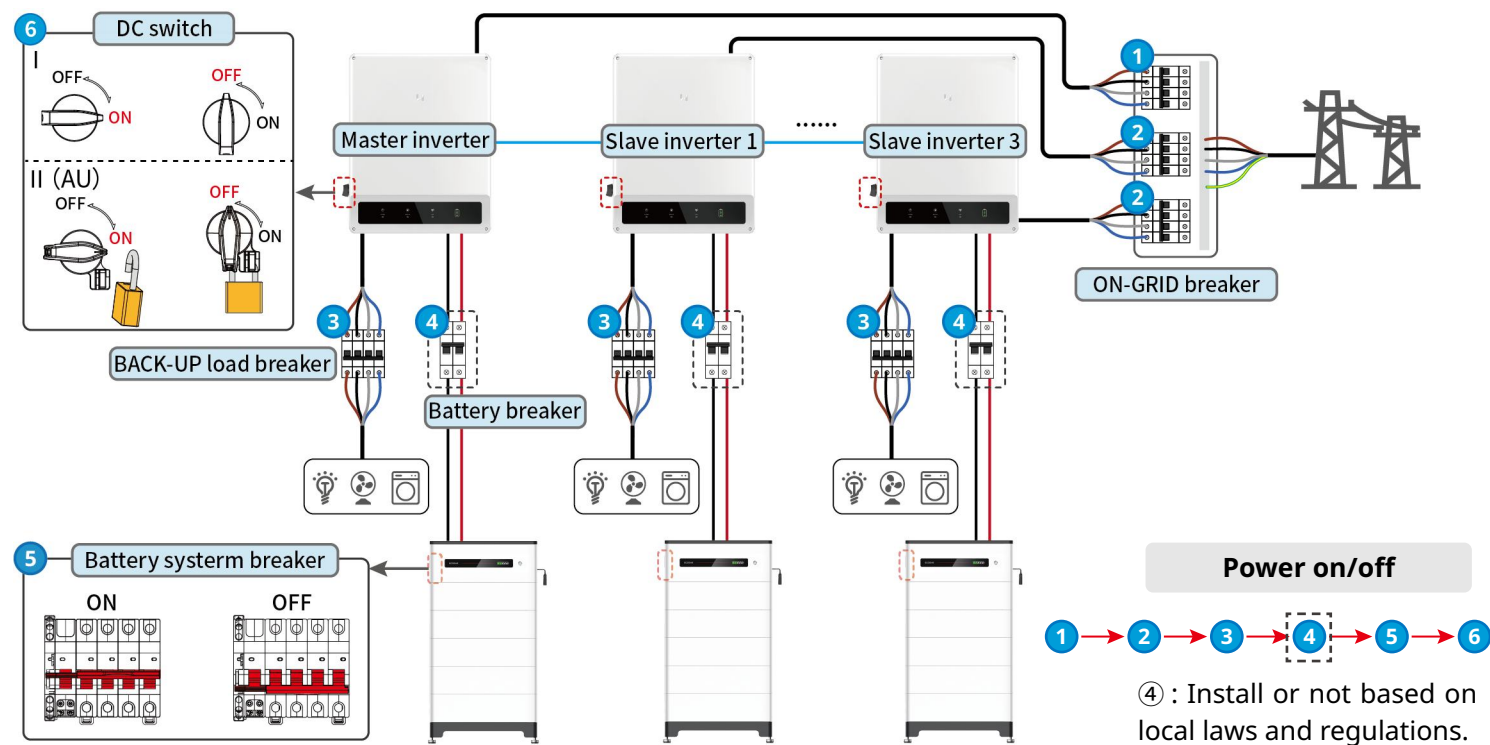


Power on/off

1 → 2 → 3 → 4 → 5

③ : Install or not based on local laws and regulations.

Parallel System



Power on/off

1 → 2 → 3 → 4 → 5 → 6

④ : Install or not based on local laws and regulations.

03 Installations

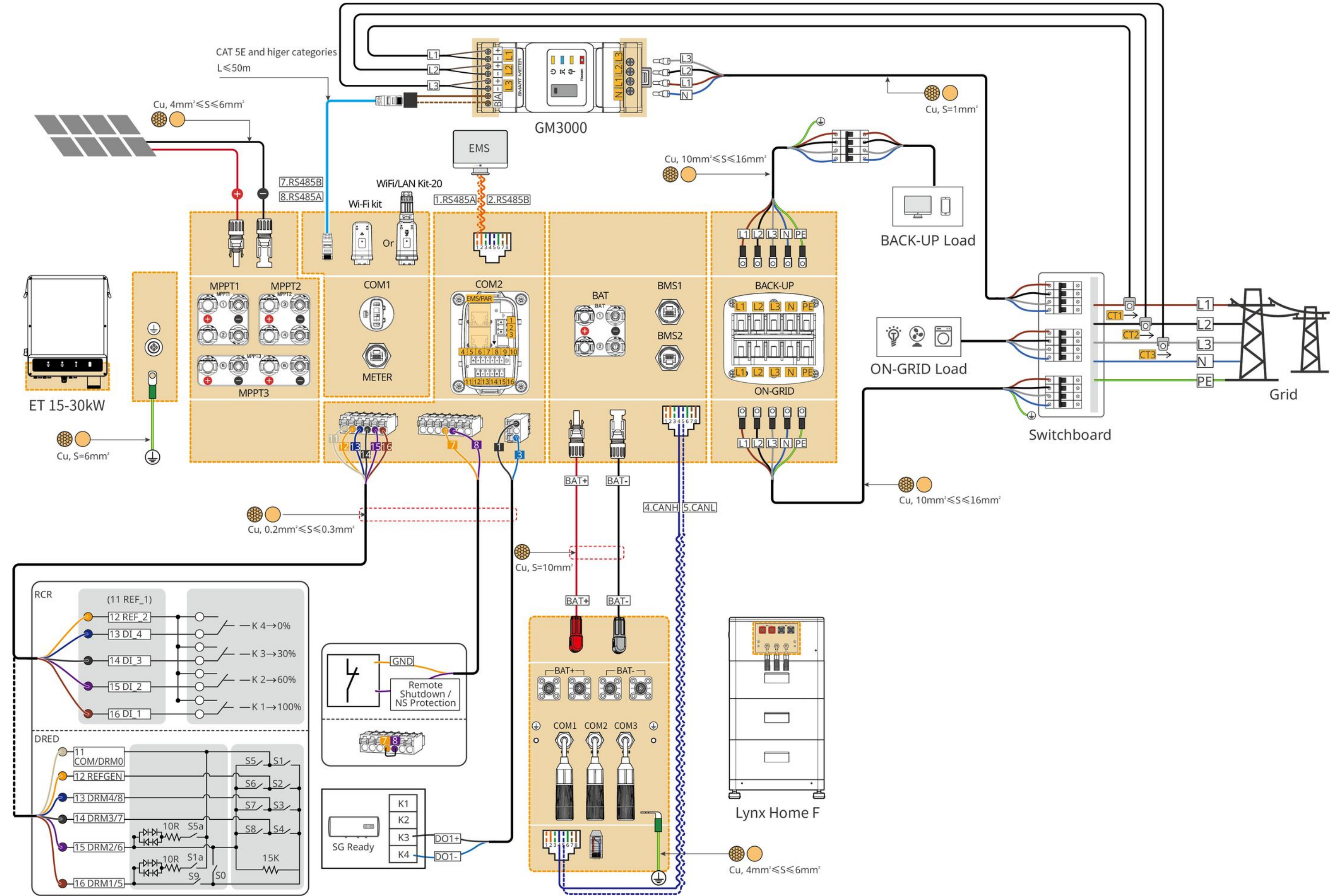
Steps	① Installation	② PE	③ PV	④ Battery	⑤ AC	⑥ COM	⑦ Communication module		
Inverter							Wi-Fi Kit	WiFi/LAN Kit-20	Ezlink3000
Tools	① D: 80mm φ: 8mm ② M5 1.2~2N·m	M5 1.2~2N·m	Recommend: PV-CZM-61100	Recommend: YQK-70	① M5 2~3N·m ② M6 3~4N·m				

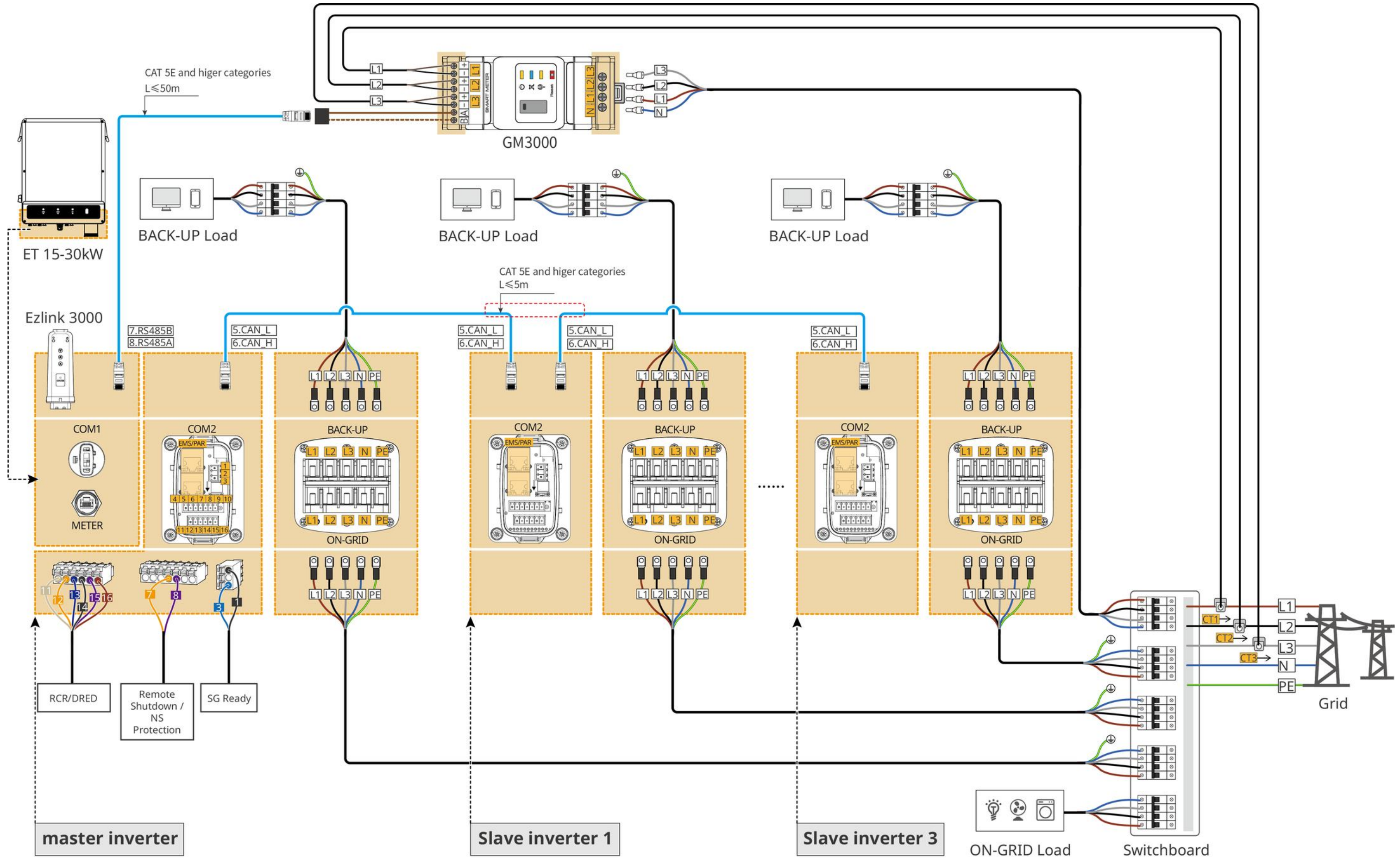
Steps	① Installation		② PE	③ Battery		④ COM
Battery	Lynx Home F (G1)	Lynx Home F (G1 Plus+)		Lynx Home F (G1)	Lynx Home F (G1 Plus+)	
Tools	Ground ① M5 4N·m ② D: 80mm φ: 10mm ③ ST5.5 10N·m		M6 6~7N·m	Recommend: YQK-70	Recommend: YQK-70	

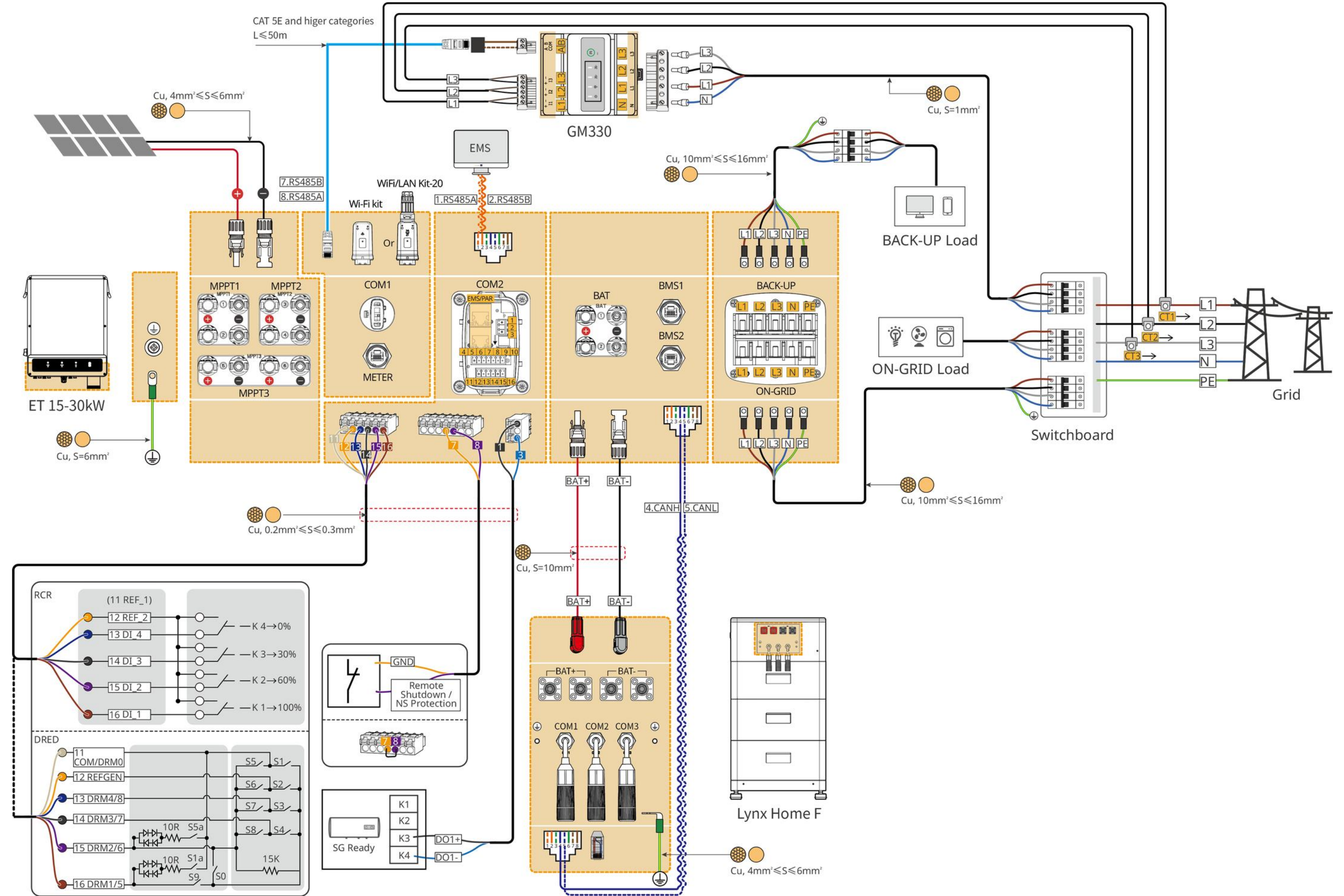
Steps	① Installation		② Cable Connections		③ Power	④ Commissioning
Smart meter	GM3000	GM330	GM3000	GM330	AC breaker	SolarGo APP SEMS Portal APP or SEMS Portal WEB

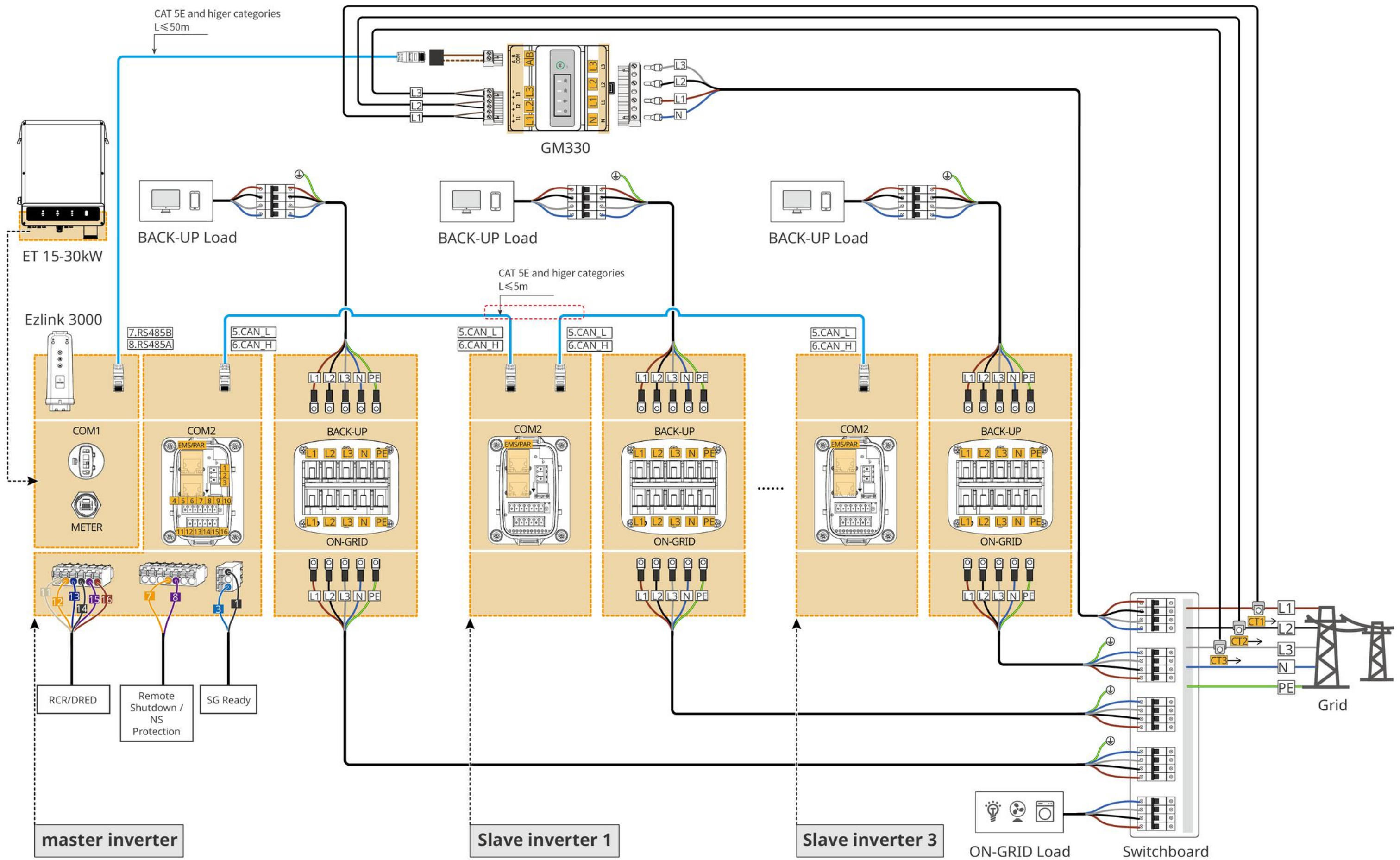
04 Wiring Diagram

ET 15-30kW (single) + Lynx Home F + GM3000 + WiFi/LAN



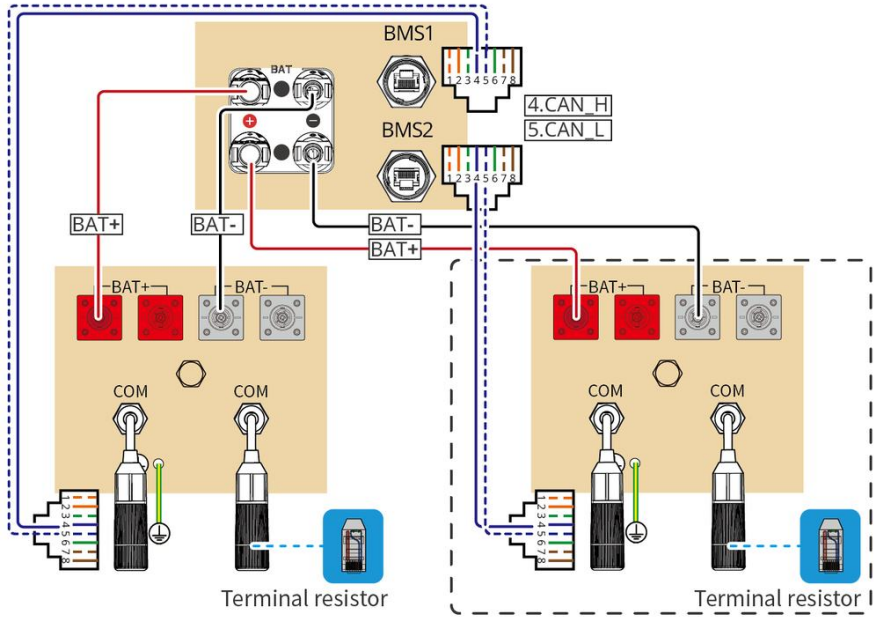




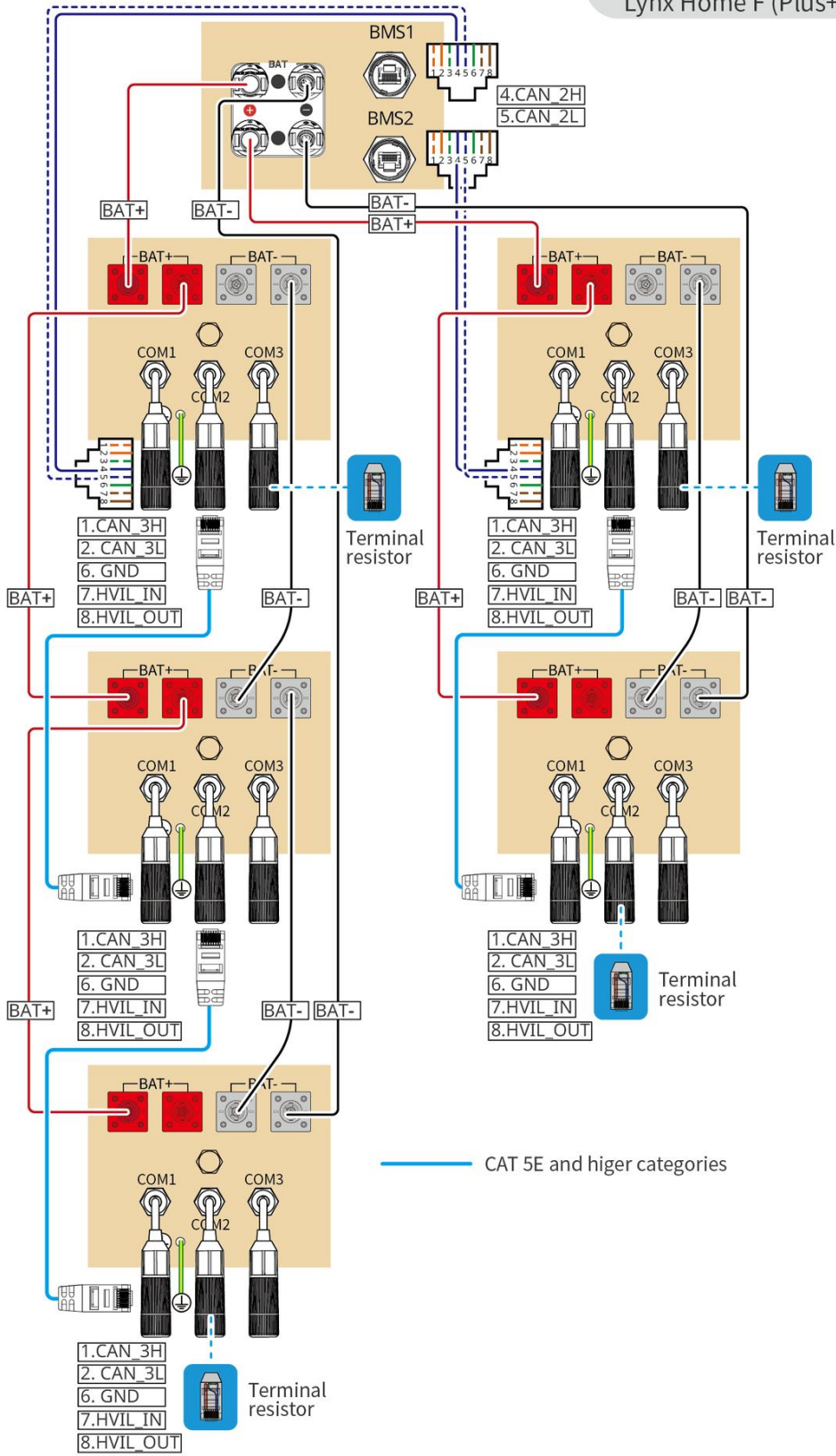


Battery System Wiring Diagram

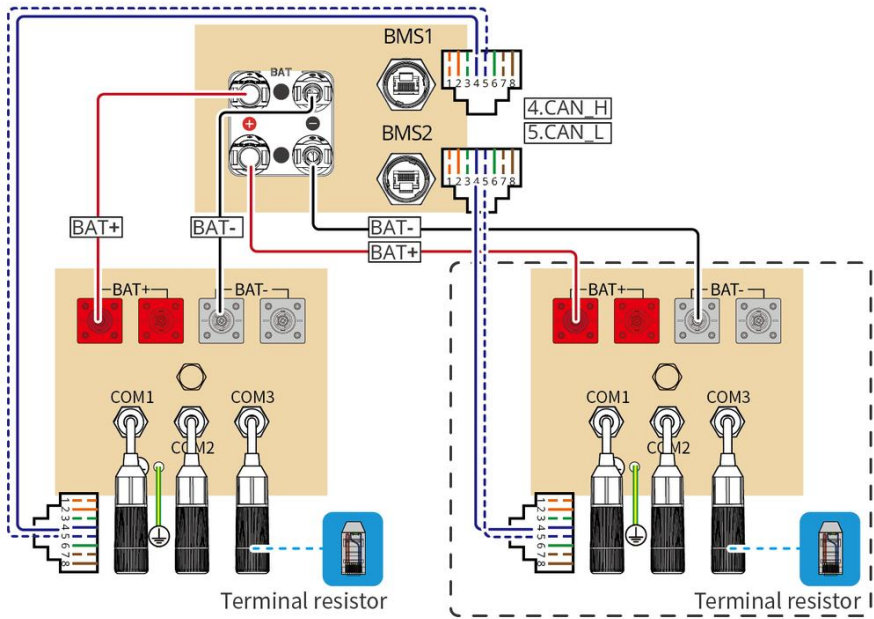
Lynx Home F (G1)



Lynx Home F (Plus+)

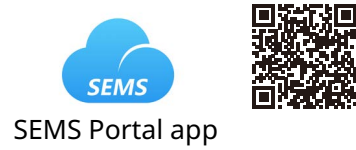


Lynx Home F (Plus+)



Battery System Quantity	Quantity Of Battery Systems Connected To BAT1	Quantity Of Battery Systems Connected To BAT2	Battery Quantity	Quantity Of Battery Systems Connected To BAT1	Quantity Of Battery Systems Connected To BAT2
1	1	0	2	1	1
3	2	1	4	2	2
5	3	2	6	3	3
7	4	3	8	4	4
N	(N+1)/2	(N-1)/2	M	M/2	M/2
15	8	7	16	8	8

05 Equipment Commissioning



In parallel scenarios, the software version of SolarGo app should be 5.3.0 or above. Follow the prompts to connect the device.

Quick Settings

Tap **Home > Settings > Quick Settings** to complete quick settings step by step.
Installer password: goodwe2010

Setting the Safety Code

The screenshot shows the 'Safety Code' screen. At the top, there are two tabs: 'Safety Code' and 'Export'. The 'Safety Code' tab is active. Below the tabs, there is a table with two columns: 'Safety Code' and 'Warehouse'. The 'Safety Code' column contains a list of parameters, and the 'Warehouse' column contains a list of values. A red box highlights the 'Safety Code' column header, and a red arrow points to the 'Europe' selection in the 'Safety Code' dropdown menu. The 'Save' button is located at the top right of the screen.

Safety Code	Warehouse
Voltage Protection Parameters:	
OV Stage1 Trip Value	270.0V
OV Stage1 Trip Time	0.16s
UV Stage1 Trip Value	170.0V
UV Stage1 Trip Time	0.16s
OV Stage2 Trip Value	270.0V
OV Stage2 Trip Time	0.16s
UV Stage2 Trip Value	170.0V
UV Stage2 Trip Time	0.16s
OV Stage3 Trip Value	0.0V

At the bottom of the screen, there are three buttons: 'Exit', 'PREV', and 'Next'.

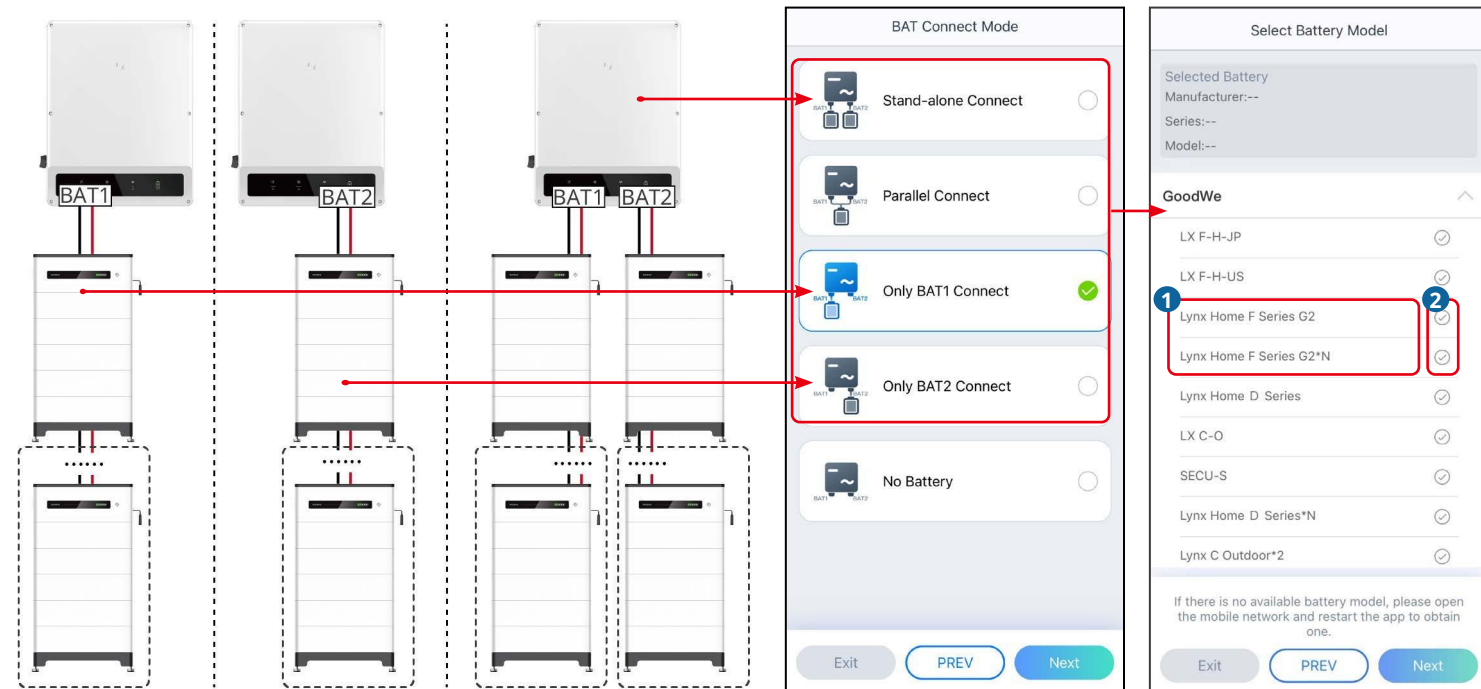
Setting Inverter Quantity (Only For Parallel Connections)

Quantity Settings

Number Of Inverters ¹ 2 Tower ² ✓

Exit PREV Next

Setting the BAT Connect Mode



Setting the Working Mode

The image shows a sequence of five screenshots from the SolarEdge mobile app, illustrating the navigation path to the 'Advanced Settings' menu. Red lines and boxes highlight the specific UI elements that lead to the next screen in the sequence.

- Screenshot 1: Peakshaving Settings**
 - Buttons: Start Time (00:00), End Time (00:00), Import Power Limit (0.00), Reserved SOC For Peakshaving (Range[0,100]%).
 - Red box highlights the 'Settings' icon (gear) next to 'Reserved SOC For Peakshaving'.
- Screenshot 2: Self-use Mode Selection**
 - Buttons: Self-use Mode (checked), Peakshaving.
 - Red box highlights the 'Settings' icon (gear) next to 'Peakshaving'.
- Screenshot 3: Peakshaving Settings**
 - Buttons: Peakshaving (checked), Self-use Mode.
 - Red box highlights the 'Settings' icon (gear) next to 'Peakshaving'.
- Screenshot 4: Self-use Mode Settings**
 - Buttons: Depth Of Discharge (On-Grid) (60), Depth Of Discharge (Off-grid) (60).
 - Red box highlights the 'Advanced Settings' button at the bottom right.
- Screenshot 5: Advanced Settings**
 - Buttons: Back-up Mode, Economic Mode, Smart Charging.

Depth Of Discharge (On-Grid):
The maximum depth of discharge of the battery when the system is working on-grid.

Depth Of Discharge (Off-Grid):
The maximum depth of discharge of the battery when the system is working off-grid.

BACK-UP Mode

Back-up Mode (checked)

Charging From Grid (checked)

Rated Power: 0.0 (Range: 0,100]%)

Back-up Mode

mainly suitable for scenarios where the power grid is unstable and there are important loads. When the power grid loses power, the inverter switches to off grid working mode to supply power to the load; When the power grid is restored, the inverter working mode switches to grid connected operation.

Grid charge: Open Backup SOC: 60%

Charging From Grid (unchecked)

Back-up Mode

mainly suitable for scenarios where the power grid is unstable and there are important loads. When the power grid loses power, the inverter switches to off grid working mode to supply power to the load; When the power grid is restored, the inverter working mode switches to grid connected operation.

Grid charge: Close Backup SOC: 60%

Economic Mode

Economic Mode (checked)

Battery Working Mode Group1
Charge Power: 50.0 % SOC: 98%
00:00-07:00 (checked)
January Every day

Economic Mode

Set different time periods for buying and selling electricity based on the differences in peak and valley electricity prices of the power grid, while complying with local laws and regulations.

PV: Charge battery in priority

Battery Working Mode Group2
Discharge Power: 60.0 %
08:00-16:00 (checked)
Every month Every day

Economic Mode

Set different time periods for buying and selling electricity based on the differences in peak and valley electricity prices of the power grid, while complying with local laws and regulations.

PV: Export to grid in priority

Smart Charging Mode

Smart Charging (checked)

Smart Charging Month
Peak Limiting Power: 0.0 (checked)
Peak limiting power must be lower than power limit value. Range: 0,100]%)

Switch To Charge (checked)
PV switches from selling electricity to charging batteries

Charging Time: 00:00

Smart Charging

For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

Switch to charge: Open PV > Peak limiting power

Smart Charging

For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

Switch to charge: Close PV > Peak limiting power

Smart Charging

For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

Switch to charge: Open PV < Peak limiting power

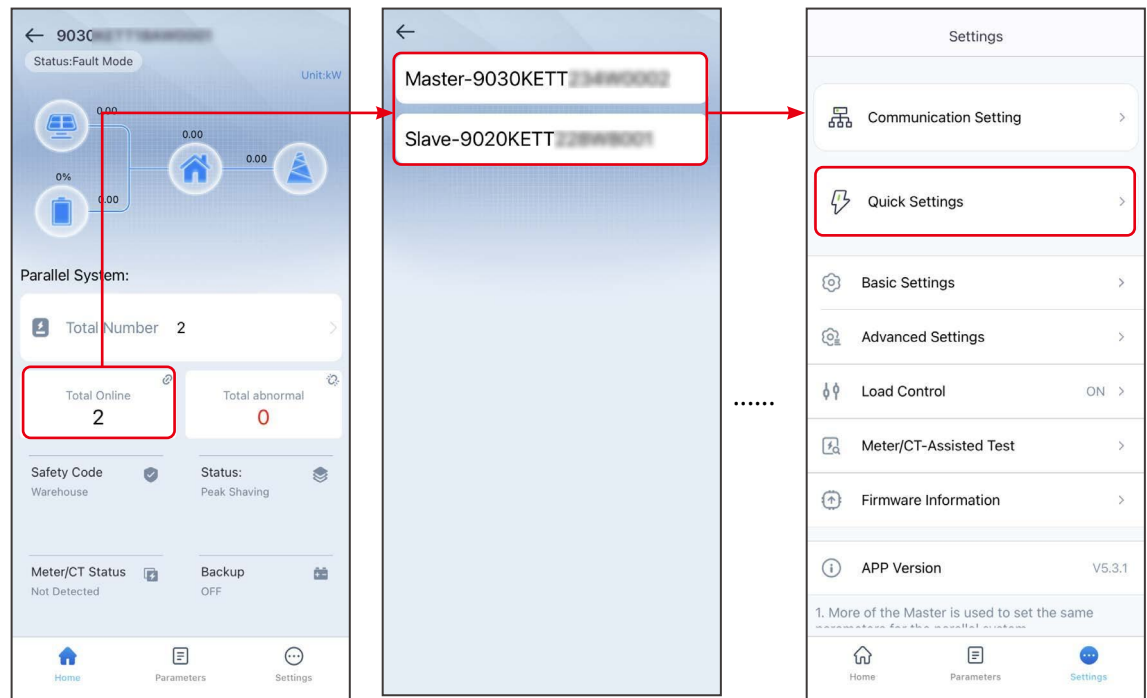
Smart Charging

For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

Switch to charge: Close PV < Peak limiting power

Setting Batteries Of Each Inverters (Only For Parallel Connections)

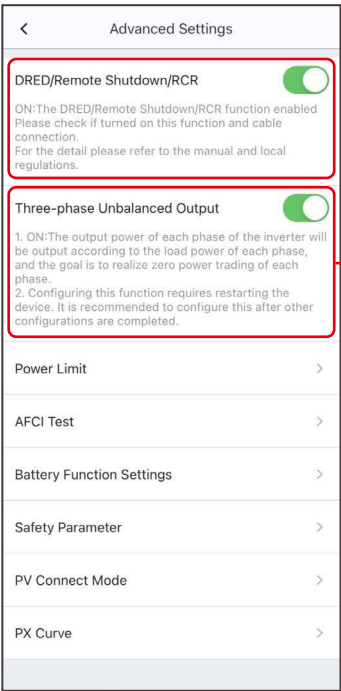
Follow the prompts to set the battery model and connection mode of each inverter.



Setting the Advanced Parameters

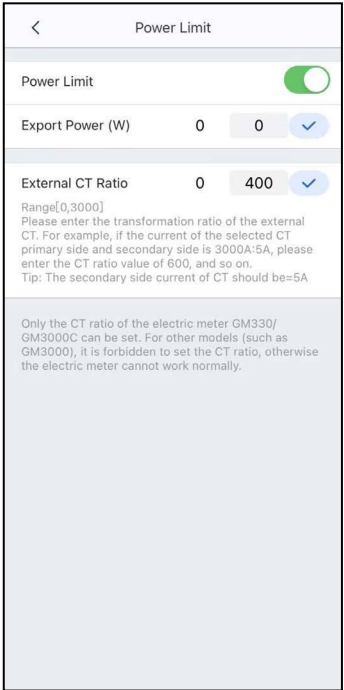
Tap **Home > Settings > Advanced Settings** to set the following functions.

Setting DRED/Remote Shutdown/RCR or Three-phase Unbalanced Output Function (Optional)



Enable **Three-phase Unbalanced Output** when the utility grid company adopts phase separate billing.

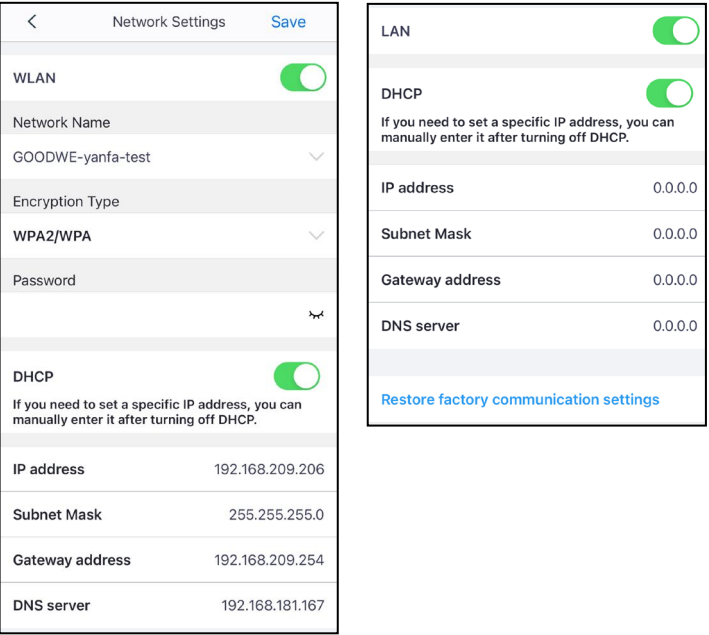
Setting the Power Limit Function



Configuring the Network

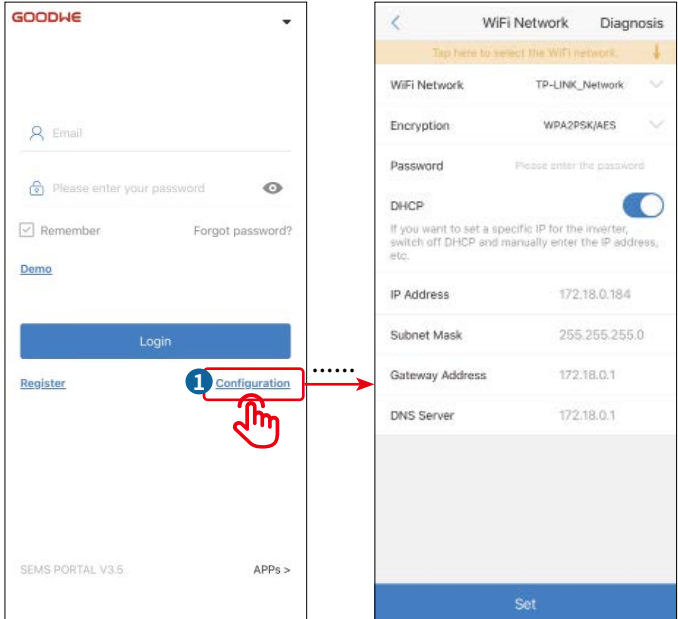
Method I (RECOMMENDED): SolarGo app

Tap **Home > Settings > Communication Setting > Network Settings** to set network parameters.



Method II: SEMS Portal app

Follow the prompts to configure the network.



Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.

